? show files
[File 15] ABI/Inform(R) 1971-2008/Dec 03
(c) 2008 ProQuest Info&Learning. All rights reserved.
[File 9] Business & Industry(R) Jul/1994-2008/Dec 03
(c) 2008 Gale/Cengage. All rights reserved.
[File 635] Business Dateline(R) 1985-2008/Dec 04
(c) 2008 ProQuest Info&Learning. All rights reserved.
[File 610] Business Wire 1999-2008/Dec 04
(c) 2008 Business Wire. All rights reserved.
*File 610: File 610 now contains data from 3/99 forward. Archive data (1986-2/99) is available in File 810.
[File 810] Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire . All rights reserved.
[File 647] UBM Computer Fulltext 1988-2008/Nov W3
(c) 2008 UBM, LLC. All rights reserved.
[File 674] Computer News Fulltext 1989-2006/Sep W1
(c) 2006 IDG Communications. All rights reserved.
*File 674: File 674 is closed (no longer updates).
[File 696] DIALOG Telecom. Newsletters 1995-2008/Dec 03
(c) 2008 Dialog. All rights reserved.
[File 275] Gale Group Computer DB(TM) 1983-2008/Nov 18
(c) 2008 Gale/Cengage. All rights reserved.
[File 47] Gale Group Magazine DB(TM) 1959-2008/Dec 02
(c) 2008 Gale/Cengage. All rights reserved.
[File 621] Gale Group New Prod.Annou.(R) 1985-2008/Nov 06
(c) 2008 Gale/Cengage. All rights reserved.
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(c) 2008 Gale/Cengage. All rights reserved.
[File 16] Gale Group PROMT(R) 1990-2008/Nov 20
(c) 2008 Gale/Cengage. All rights reserved.
*File 16: Because of updating irregularities, the banner and the update (UD=) may vary.
[File 160] Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group. All rights reserved.
[File 148] Gale Group Trade & Industry DB 1976-2008/Nov 27
(c) 2008 Gale/Cengage. All rights reserved.
*File 148: The CURRENT feature is not working in File 148. See HELP NEWS148.
[File 624] McGraw-Hill Publications 1985-2008/Dec 04
(c) 2008 McGraw-Hill Co. Inc. All rights reserved.
[File 369] New Scientist 1994-2008/Nov W1
(c) 2008 Reed Business Information Ltd. All rights reserved.
[File 484] Periodical Abs Plustext 1986-2008/Oct W4
(c) 2008 ProQuest. All rights reserved.
[File 613] PR Newswire 1999-2008/Dec 04
(c) 2008 PR Newswire Association Inc. All rights reserved.
*File 613: File 613 now contains data from 5/99 forward. Archive data (1987-4/99) is available in File 813.
[File 813] PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc. All rights reserved.
[File 634] San Jose Mercury Jun 1985-2008/Nov 30
(c) 2008 San Jose Mercury News. All rights reserved.
[File 370] Science 1996-1999/Jul W3
(c) 1999 AAAS. All rights reserved.
*File 370: This file is closed (no updates). Use File 47 for more current information.
[File 553] Wilson Bus. Abs. 1982-2008/Dec
(c) 2008 The HW Wilson Co. All rights reserved.
[File 98] General Sci Abs 1984-2008/Nov
(c) 2008 The HW Wilson Co. All rights reserved.

; d s
Set   Items   Description
S1   259633   S (COMPRESS? OR ZIP? ? OR ZIPPED OR ZIPPING OR STUFF??? OR WINZIP? OR SQUEEZ? OR COMPACT???)(5N)(DATA OR DATUM OR FILE? ? OR INFORMATION OR CONTENT? ? OR RECORD? ? OR DATABASE? OR DATA()BASE? OR REPOSITOR? OR RESOURCE? ?)
S2 20372191   S (FILL????? OR MERGE?? OR MERGING OR POPULATE? OR COMPLET??? OR SUPPLY??? OR FURNISH???)
S3   15980   S S2(3N)(RANDOM?? OR PSEUDO()RANDOM?? OR PSEUDORANDOM?? OR ARBITRAR??? OR CHANCE OR DISCRETIONAR? OR AD()HOC OR UNSYSTEMATIC?)
S4   27   S S1(100N)S3
S5   21   RD (unique items)
S6   18   S S5 AND PY=1963:2003

?

Subject summary

? t /3,k/all
6/3,K/1 (Item 1 from file: 15) Links
ABI/Inform(R)
00992123   96-41516
Multimedia standards for Unix
Morris, Tom; Yost, Susan
UNIX Review v13n4 pp: 55-61
Apr 1995
ISSN: 0742-3136 Journal Code: UXR
Word Count: 2562
Text:

...same instant in time. This can cause "jaggies" called motion artifacts
if two fields are arbitrarily merged together for display or
processing.
Most capture boards will do real-time compression during capture to
bring the data rate down to something more manageable for your hard
drive to store. Make sure the compressed data rates and
quality match the needs of your particular application. If the board has
hardware...

6/3,K/2 (Item 2 from file: 15) Links
ABI/Inform(R)
00725891   93-75112
Integrators' Urge to Merge Motion Video and Graphics (Part 2)
Cahill, Ben
Computer Technology Review v12n4 pp: 1, 40
Apr 1992
ISSN: 0278-9647 Journal Code: CTN
Word Count: 1242
Text:

...sampled relative to the luminance or brightness information. The
sub-sampling is quite helpful with data compression schemes
as well.
For non-restricted operation, merging the two streams into a common DAC...
...Since the input to the DAC is digital, set-up and hold time problems
with merging two arbitrary pixel clock rates would be
daunting. However, with restrictions on the clock rates, and restrictions
...

6/3,K/3 (Item 3 from file: 15) Links
ABI/Inform(R)
00581039   91-55386
Want to Store More Data and Transmit It Faster? Call in the Unsung Hero - Data Compression
Anonymous
IBM Directions v5n2 pp: 30-31
Summer/Fall 1991
ISSN: 0897-0289 Journal Code: IBD
Abstract:

Data compression is an unsung technological hero, although it
helps improve many aspects of computer performance. In effect, storage
systems can store more and communication links can transmit more if the
data are first compressed. Compression techniques are
also helping to overcome technological obstacles to digital full-motion
video and multimedia programs. Techniques for data
compression rely on the fact that most information is not
completely random. Patterns or tendencies in a seemingly
random stream of data provide opportunities to shorten the digital encoding
of those data. Compressing still images is a bit more
complicated than compressing text. Compressing the
data required for full-motion video is more difficult still.

Research in this area is a...

6/3,K/4 (Item 4 from file: 15) Links
ABI/Inform(R)
(c) 2008 ProQuest Info&Learning. All rights reserved.
00565841   91-40195
New Ink-Jet Printer Bows
Anonymous
Graphic Arts Monthly   v63n8 pp: 138
Aug 1991
ISSN: 1047-9325 Journal Code: BGR
Abstract:

...PostScript language and adds new features. These features include: 1.
device-independent color matching, 2. data compression, 3.
arbitrary fill pattern definition, 4. enhanced font
rendering, 5. extended screen functions, 6. improved memory management,
and...

6/3,K/5 (Item 1 from file: 275) Links
Gale Group Computer DB(TM)
(c) 2008 Gale/Cengage. All rights reserved.
01895959   Supplier Number: 17894869 (Use Format 7 Or 9 For FULL TEXT)
Windows 3.1 memory enhancement utilities. (includes related article on the Editors' Choice)(overview of
evaluations of five memory managers) (individual evaluation records searchable under "Windows 3.1 Memory
Enhancement Utilities") (Software Review)(Evaluation)
Seltzer, Larry; Pietrek, Matt
PC Magazine , v15 , n4 , p205(7)
Feb 20 , 1996
Document Type: Evaluation
ISSN: 0888-8507
Language: English   Record Type: Fulltext; Abstract
Word Count: 1788   Line Count: 00144

...RAM compression diagnostic
    This test allocates a list of 65,000-byte strings and then
fills them with either random data or the same ASCII
character. The repetitive data provides a best-case scenario for a
compression algorithm, while random data is the worst case.
We allocated enough strings to occupy about twice the size of...

19960220

6/3,K/6 (Item 2 from file: 275) Links
Gale Group Computer DB(TM)
(c) 2008 Gale/Cengage. All rights reserved.
01779725   Supplier Number: 16909302 (Use Format 7 Or 9 For FULL TEXT)
Multimedia standards for UNIX.(Sight and Sound)(includes glossary)(Tutorial)
Morris, Tom; Yost, Susan
UNIX Review , v13 , n4 , p55(6)
April , 1995
Document Type: Tutorial
ISSN: 0742-3136
Language: ENGLISH   Record Type: FULLTEXT; ABSTRACT
Word Count: 2994   Line Count: 00243

...same instant in time. This can cause "jaggies" called motion artifacts
if two fields are arbitrarily merged together for display or
processing.
    Most capture boards will do real-time compression during
capture to bring the data rate down to something more manageable for
your hard drive to store. Make sure the compressed data rates
and quality match the needs of your particular application. If the board
has hardware...

19950400

6/3,K/7 (Item 3 from file: 275) Links
Gale Group Computer DB(TM)
(c) 2008 Gale/Cengage. All rights reserved.
01442887   Supplier Number: 11045437 (Use Format 7 Or 9 For FULL TEXT)
Color printing on plain paper. (Product Spotlight; Tektronix Inc.)
Belleville, Laureen
Computer Graphics World , v14 , n7 , p25(1)
July , 1991
ISSN: 0271-4159
Language: ENGLISH   Record Type: FULLTEXT; ABSTRACT
Word Count: 500   Line Count: 00039

...Postcript Level 2, which, the company says, adds features such as
device-independent color matching, data compression,
arbitrary fill pattern definition, enhanced font rendering,
extended screen functions, improved memory management, and forms caching.
    Full...

19910700

6/3,K/8 (Item 4 from file: 275) Links
Gale Group Computer DB(TM)
(c) 2008 Gale/Cengage. All rights reserved.
01306770   Supplier Number: 07535488 (Use Format 7 Or 9 For FULL TEXT)
Interactive multimedia meets the real world: tomorrow's technology finds uses today.
McMillan, Thomas M.
Computer Graphics World , v12 , n8 , p39(8)
August , 1989
ISSN: 0271-4159
Language: ENGLISH   Record Type: FULLTEXT; ABSTRACT
Word Count: 3880   Line Count: 00311

...out of the company's Princeton Operation in Princeton, New Jersey,
provides a means of compressing digital video data for
storage on a CD-ROM disc and decompressing it in real time for interactive
...
...the like. Configured as a realistic truck cab, TDS presents critical
driving situations such as random merging traffic, four-way
stop dilemmas, and loading dock challenges to test the driver's situational
...

19890800

6/3,K/9 (Item 5 from file: 275) Links
Gale Group Computer DB(TM)
(c) 2008 Gale/Cengage. All rights reserved.
01301387   Supplier Number: 07397318 (Use Format 7 Or 9 For FULL TEXT)
Data compression in a half-inch reel-to-reel tape drive. (technical)
Bianchi, Mark J.; Kato, Jeffery J.; Van Maren, David J.
Hewlett-Packard Journal , v40 , n3 , p26(6)
June , 1989
Document Type: technical
ISSN: 0018-1153
Language: ENGLISH   Record Type: FULLTEXT; ABSTRACT
Word Count: 4286   Line Count: 00334

...engine (i.e., by the host device). This data rate is primarily
dependent upon the compression ratio of the data with some
minor dependency upon the data pattern. During compression,
the HP-DC engine will have a minimum throughput of 1.0 Mbytes/s and...
...of 2.0 Mbytes/s. The worst-case throughput occurs when the input data is
completely random and as a result is expanding. In any case,
the compressed data rate is equal to the uncompressed
data rate divided by the compression ratio.
    The second performance measure and perhaps the most important one is

the data compression ratio for various data types.
This performance was measured by compressing real user backup
data from a variety of computer systems. The table below is a
summary of the compression...

19890600

6/3,K/10 (Item 6 from file: 275) Links
Gale Group Computer DB(TM)
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01230194   Supplier Number: 06980521
You are there ... and in control. (compressing digital video data) (includes related article on DVI versus CD-I;
another related article summarizes the history of DVI) (technical)
Luther, Arch C.
IEEE Spectrum , v25 , n9 , p45(6)
Sept , 1988
Document Type: technical
ISSN: 0018-9235
Language: ENGLISH   Record Type: ABSTRACT
Abstract: New techniques compress digital video data before it is processed and stored, reducing the data rate to a
level where personal... ...analog television. Fully digital systems are programmed in innumerable ways and can access
data at random, giving users complete interaction. Applications of digital interactive video (DVI) include training computer
users, surrogate travel, and synthetic...
Abstract:
19880900

6/3,K/11 (Item 1 from file: 47) Links
Gale Group Magazine DB(TM)
(c) 2008 Gale/Cengage. All rights reserved.
06027156   Supplier Number: 71563254 (USE FORMAT 7 OR 9 FOR FULL TEXT)
A Bit Confused.
ROCHE, DAVID
Skeptical Inquirer , 25 , 2 , 40
March , 2001
ISSN: 0194-6730
Language: English   Record Type: Fulltext
Word Count: 1643   Line Count: 00136

...lots of redundancy and therefore little Shannon information. If we
converted it into a computer file and ran it through a
compression algorithm, we would end up with something much smaller
than what we started with. A book of 100,000 completely
random letters, in contrast, has no redundancy and therefore lots of
Shannon information. There is no...

20010301

6/3,K/12 (Item 1 from file: 621) Links
Gale Group New Prod.Annou.(R)
(c) 2008 Gale/Cengage. All rights reserved.
01165993   Supplier Number: 42154142 (USE FORMAT 7 FOR FULLTEXT)
Tektronix Introduces First Tabloid-Sized Plain-Paper Color Frinter Under $10,000
News Release , p 1
June 17 , 1991
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal ; Trade
Word Count: 740
-

...industry-standard
    PostScript language and adds new features.

    These features include device-independent color matching, data
    compression, arbitrary fill
pattern definition, enhanced font
    rendering, extended screen functions, improved memory management and
    forms caching.

Adobe...

19910617

6/3,K/13 (Item 1 from file: 636) Links
Gale Group Newsletter DB(TM)
03245306   Supplier Number: 46657078 (USE FORMAT 7 FOR FULLTEXT)
C-DILLA LTD: OUP publish encrypted books on the Internet
M2 Presswire , p N/A
August 27 , 1996
Language: English   Record Type: Fulltext
Document Type: Newswire ; Trade
Word Count: 419
-

...end up receiving traditionally printed copies. In this trial project,
OUP are giving people the chance to buy complete electronic
copies, or individual chapters, of selected classic text books directly
from the OUP Web...
...the title page, foreword, introduction, table of contents, reference
list and index.
    C-Dilla have compressed but not encrypted the file, so
the OUP reader and the Introduction file can be downloaded and read
immediately and...

19960827

6/3,K/14 (Item 1 from file: 16) Links
Gale Group PROMT(R)
07126099   Supplier Number: 60086543 (USE FORMAT 7 FOR FULLTEXT)
MUSCULOSKELETAL Q&A.(Statistical Data Included)
The Journal of Musculoskeletal Medicine , v 17 , n 2 , p 62
Feb , 2000
Language: English   Record Type: Fulltext
Article Type: Statistical Data Included
Document Type: Magazine/Journal; Refereed ; Professional
Word Count: 2893
-

...of such a relationship among FM patient populations in general.
Certainly, this association could occur completely by chance
when two relatively common conditions are simultaneously recognized because
persistent symptoms have prompted an extensive...
...Like symptoms improved substantially after surgery was performed to
treat the symptoms attributed to her compressive myelopathy. There
is currently insufficient information to know how common that
experience will be or how often there will be no...

20000201

6/3,K/15 (Item 2 from file: 16) Links
Gale Group PROMT(R)
02630876   Supplier Number: 43501570 (USE FORMAT 7 FOR FULLTEXT)
TECHNOLOGY WATCH
Electronics Times , p 10
Dec 3 , 1992
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal ; Trade
Word Count: 600
-

...devices to be used. A US start-up, American NeuraLogix, has developed an
algorithm for compressing random data in memory systems.

All of these companies are working on ways of embedding these
algorithms on to memory devices. The American NeuraLogix algorithm can
compress completely random data by 10% and
patterned data, such as database fields, by 50%. This could change the...

19921203

6/3,K/16 (Item 1 from file: 148) Links
Gale Group Trade & Industry DB
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05431516   Supplier Number: 11162886 (USE FORMAT 7 OR 9 FOR FULL TEXT)
New ink-jet printer bows. (Tektronix Inc.'s PhaserJet PXi)
Graphic Arts Monthly , v63 , n8 , p138(1)
August , 1991
Document Type: evaluation
ISSN: 1047-9325
Language: ENGLISH
Record Type: FULLTEXT
Word Count: 591   Line Count: 00046

...industry standard PostScript language and adds new features. These
features include device-independent color matching, data
compression, arbitrary fill pattern definition,
enhanced font rendering, extended screen functions, improved memory
management, and forms caching.
    The...

19910800

6/3,K/17 (Item 1 from file: 484) Links
Periodical Abs Plustext
(c) 2008 ProQuest. All rights reserved.
05456069 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Computers, paradoxes and the foundations of mathematics
Chaitin, Gregory J
American Scientist (IASC) , v90 n2 , p 164-171
Mar/Apr 2002
ISSN: 0003-0996   Journal Code: IASC
Document Type: Feature
Language: English   Record Type: Fulltext; Abstract
Word Count: 4384
2002
Text:

...the data are incomprehensible, random. A theory is good only to the
extent that it compresses the data into a much smaller set of
theoretical assumptions and rules for deduction.
    So you can...
...randomness as something that cannot be compressed at all. The only way
to describe a completely random object or number to someone
else is to present it and say, "This is it...

6/3,K/18 (Item 2 from file: 484) Links
Periodical Abs Plustext
(c) 2008 ProQuest. All rights reserved.
04985931 (USE FORMAT 7 OR 9 FOR FULLTEXT)
A bit confused: Creationism and information theory
Roche, David
Skeptical Inquirer (PSKI) , v25 n2 , p 40-42
Mar/Apr 2001
ISSN: 0194-6730   Journal Code: PSKI
Document Type: Feature
Language: English   Record Type: Fulltext; Abstract
Word Count: 1527

2001
Text:

...lots of redundancy and therefore little Shannon information. If we
converted it into a computer file and ran it through a
compression algorithm, we would end up with something much smaller
than what we started with. A book of 100,000 completely
random letters, in contrast, has no redundancy and therefore lots of
Shannon information. There is no...

?